

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATIÓN TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 25 January 2001 (25.01.2001)

PCT

(10) International Publication Number WO 01/05574 A1

(51) International Patent Classification⁷: B29C 59/02

(21) International Application Number: PCT/US00/19320

(22) International Filing Date: 17 July 2000 (17.07.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/144,306 16 July 1999 (16.07.1999) US 60/153,793 14 September 1999 (14.09.1999) US

(71) Applicant (for all designated States except US): DOW (EUROPE) S.A. [CH/CH]; Bachtobelstrasse 3, CH-8810 Horgen (CH).

(72) Inventors; and

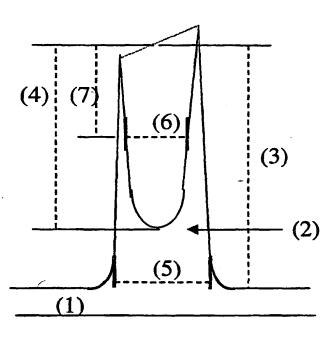
(75) Inventors/Applicants (for US only): ALLGEUER,
 Thomas, T. [AT/CH]; Felsenrainstrasse 7A, CH-8832
 Wollerau (CH). BENSASON, Selim [TR/US]; 5526
 Cheena Street, Houston, TX 77096 (US). CHUM,
 Pak-Wing, S. [US/US]; 126 Juniper Street, Lake Jackson,

TX 77566 (US). DEGROOT, Jacquelyne, A. [US/US]; 349 Timbercreek Drive, Lake Jackson, TX 77566 (US). KELCH, Robert, H. [US/US]; 2006 Sylvan Lane, Midland, MI 48640 (US). LIANG, Wenbin [US/US]; 6319 Aspen Cove Court, Sugarland, TX 77479 (US). TORRES, Antonio [US/US]; 1506 Foxwood, Midland, MI 48642 (US).

- (74) Agent: PRIETO, Joe, R.; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: FRINGED SURFACE STRUCTURES OBTAINABLE IN A COMPRESSION MOLDING PROCESS



(57) Abstract: Disclosed are mono-layer or multi-layer films, sheets, or coatings wherein at least one layer comprises a fringed surface microstructure (1), a process for making these items and uses thereof. Further disclosed are articles of manufacture comprising such film, sheet, or coating.



10 01/05571 A